Amendments to the Claims

1. (currently amended) A duplexer dielectric filter, comprising:

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a dielectric block having an upper surface, a lower surface, and a side surface, with a conductive material coated on at least a part of the lower and side surfaces;

a reception area for filtering signals received by the filter, said reception area including a plurality of resonators each of which has a first resonating hole, said first resonating hole completely extending from the upper surface to the lower surface of said dielectric block and being at least partially coated with a conductive material on the internal surface thereof;

a transmission area for filtering signals to be transmitted, said transmission area including a plurality of resonators each of which has a second resonating hole, said second resonating hole completely extending from the upper surface to the lower surface of said dielectric block and being at least partially coated with a conductive material on the internal surface thereof;

reception and transmission terminals for accomplishing signal reception and transmission operation, said reception and transmission terminals respectively comprising an electrode area insulated from the conductive material coated on the side surface of the dielectric block;

an antenna terminal arranged between said first and second filtering areas and comprising an electrode area insulated from the conductive material coated on the side surface of the dielectric block; and

a first open area disposed on said side surface of the dielectric block only at a position within the reception area while being free from a conductive material and connected to a conductive material free open area of the upper surface, said first open area controlling both a coupling capacitance and a loading capacitance of at least one of the resonators within the reception area, which is adjacent thereto.

2. (previously amended) The duplexer dielectric filter according to claim 1, wherein said reception terminal, transmission terminal and antenna terminal are

insulated from the conductive material disposed on the side surface of the dielectric block by a second open area.

3. (previously amended) The duplexer dielectric filter according to claim 1, wherein said coupling capacitance and loading capacitance of at least one of the resonators within the reception area are changed in accordance with a size of said first open area.

4. (original) The duplexer dielectric filter according to claim 2, wherein said first and second open areas are integrated with each other.

5. (original) The duplexer dielectric filter according to claim 2, wherein said first and second open areas are isolated from each other.

6. (previously amended) The duplexer dielectric filter according to claim 1, further comprising at least a third open area disposed on another part of said side surface of the dielectric block at a position corresponding to the reception area while being free from a conductive material, said at least a third open area controlling both a coupling capacitance and a loading capacitance of at least one of said resonators within the reception area, which is adjacent thereto.

7. (previously amended) The duplexer dielectric filter according to claim 1, further comprising at least one conductive pattern, said conductive pattern being disposed on said dielectric block within the first open area, with a capacitance formed between said conductive pattern and the resonating hole of the first filtering area, thus forming an attenuation pole.

8. (previously amended) The duplexer dielectric filter according to claim 7, wherein said conductive pattern is disposed along the resonating hole within the reception area.

9. (previously amended) The duplexer dielectric filter according to claim 7, wherein said capacitance is changed in accordance with a length of said conductive pattern corresponding to the resonating hole within the reception area.

10. (previously amended) The duplexer dielectric filter according to claim 7, wherein said capacitance is changed in accordance with a distance between said conductive pattern and said resonating hole within the reception area.

11. (cancelled)

12. (currently amended) A duplexer dielectric filter, comprising:

a dielectric block having an upper surface, a lower surface, and a side surface, with a conductive material coated on at least a part of the lower and side surfaces;

a reception area for filtering a received signal, said reception area comprising a resonator including a first resonating hole, said first resonating hole completely extending from the upper surface to the lower surface of said dielectric block while being at least partially coated with a conductive material on the internal surface thereof;

a transmission area for filtering a signal to be transmitted, said transmission area comprising a resonator including a second resonating hole, said second resonating hole completely extending from the upper surface to the lower surface of said dielectric block while being at least partially coated with a conductive material on the internal surface thereof;

a transmission terminal for accomplishing a signal transmission operation, said transmission terminal comprising an electrode area formed on the upper and side surfaces of the dielectric block at a position corresponding to the transmission area while being insulated from the conductive material coated on the side surface of the dielectric block;

a reception terminal for accomplishing a signal reception operation, said reception terminal comprising an electrode area formed on the upper and side surfaces

of the dielectric block at a position corresponding to the reception area while being insulated from the conductive material coated on the side surface of the dielectric block;

an antenna terminal arranged between said reception and transmission areas and comprising an electrode area insulated from the conductive material coated on the side surface of the dielectric block; and

D3 Concl'd

an open area disposed on said side surface of the dielectric block only at a position within the reception area while being free from a conductive material and connected to a conductive material free open area of the upper surface, said open area controlling both a coupling capacitance and a loading capacitance of the resonator within the reception area.